

<!--StartFragment-->RESULT 1

Q9ZRC7_ALNGL

ID Q9ZRC7_ALNGL Unreviewed; 99 AA.

AC Q9ZRC7;

DT 01-MAY-1999, integrated into UniProtKB/TrEMBL.

DT 01-MAY-1999, sequence version 1.

DT 24-JUL-2007, entry version 22.

DE Actinorizal nodulin AgNOD-GHGP.

GN Name=agnT84;

OS Alnus glutinosa (Alder).

OC Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

OC Spermatophyta; Magnoliophyta; eudicots; core eudicots;

OC rosids; eurosids I; Fagales; Betulaceae; Alnus.

OX NCBI_TaxID=3517;

RN [1]

RP NUCLEOTIDE SEQUENCE.

RC TISSUE=Root nodules;

RA Dobritsa S.V., Mullin B.C.;

RT "In vitro expression of actinorhizal nodulin AgNOD-GHGP and demonstration of its toxicity to Escherichia coli.";

RL (In) Stacey G., Mullin B.C., Gresshoff P.M. (eds.);

RL THE BIOLOGY OF PLANT-MICROBE INTERACTIONS: PROCEEDINGS OF THE 8TH INTERNATIONAL SYMPOSIUM ON MOLECULAR PLANT-MICROBE INTERACTIONS,

RL pp.1-1, Unknown Publisher (1996).

RN [2]

RP NUCLEOTIDE SEQUENCE.

RC TISSUE=Root nodules;

RA Twigg P.G.;

RT "Isolation of a nodule-specific cDNA encoding a putative glycine-rich protein from Alnus glutinosa.";

RL Thesis (1993), The University of Tennessee, Knoxville, TN, USA.

RN [3]

RP NUCLEOTIDE SEQUENCE.

RC TISSUE=Root nodules;

RA Pawlowski K., Twigg P.G., Dobritsa S.V., Guan C., Mullin B.C.;

RT "A nodule-specific gene family from Alnus glutinosa encodes glycine and histidine-rich proteins expressed in the early stages of actinorhizal nodule development.";

RL Submitted (SEP-1996) to the EMBL/GenBank/DDBJ databases.

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DR EMBL; U69156; AAD00171.1; -; mRNA.

DR InterPro; IPR010800; GRP.

DR Pfam; PF07172; GRP; 1.

PE 4: Predicted;

SQ SEQUENCE 99 AA; 10567 MW; 2ACBE4D57C070E83 CRC64;

Query Match 100.0%; Score 99; DB 2; Length 99;

Best Local Similarity 100.0%; Pred. No. 1.4e-89;

Matches 99; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MGYSKTFLLLGLAFAVVLLISSLDSASELAVAAQTKENMQTDGVEEDKYHGHRHVHGHGH 60
 |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||

Db 1 MGYSKTFLLLGLAFAVVLLISSLDSASELAVAAQTKENMQTDGVEEDKYHGHRHVHGHGH 60

Qy 61 GHVHGNGNEHGHHGRGHPGHGAAADETETETETNQN 99
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Db 61 GHVHGNGNEHGHHGRGHPGHGAAADETETETETNQN 99

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